



DATE: January 12, 1983

TO: Sally Smith, Permit Section

FROM: *CS* Charles Gruntman, Northern Region, F.O.S.

SUBJECT: 19780303 - Will County - Lemont/Land and Lakes
Renewal Request for Experimental Supplemental Permit
#1982-3-Sup-Ex (to use Pielet Bros. refuse for litter
control and to stockpile up to 50 cubic yards on site)

When considering the renewal of the subject permit, please consider the following:

Our office has become aware of the results of two separate laboratory analyses of Pielet Bros. refuse (shredded automobile interior materials) as delivered to Lemont/Land and Lakes Landfill. The first analysis was conducted by Arro Labs. of Joliet, Ill. That sample was allegedly collected from the landfill site after operating hours by a neighboring resident who is concerned about the refuse accepted by the landfill. We have no information as to how or where the sample was obtained but the results of the analysis showed P.C.B.'s at levels of 16 p.p.m. This information was supplied to the Village of Romeoville and then to Land and Lakes Company.

Since that time, Lemont/Land and Lakes has sampled an incoming load of Pielet Bros. refuse and had it analyzed by Gulf Coast Labs in Park Forest, Ill. The results showed that the Pielet Bros. refuse contained P.C.B.'s at levels of 14 p.p.m. The Village of Romeoville was notified of the results and the residents are not pleased.

*66 ppm PCB's
2/1/83*

Rick Peterson, the Agency's inspector for Will County, and I have also collected samples of Pielet Bros. refuse (as delivered to Will Co.-Lockport/Wasteland on 11/30/82) and soil samples from Lemont/Land and Lakes on Dec. 9, 1982. (Lemont/Land and Lakes stopped accepting Pielet refuse in November and had none available on site to sample) The analysis results from the Agency's laboratory have not been completed, yet. We have requested that the samples be analyzed for P.C.B.'s and heavy metals.

If you have additional questions about the site or this memo, please contact me.

For your information, I have enclosed copies of the lab analysis results from Arro and Gulf Coast Labs.

CJG:prb

cc: James C. Reid
Ken Bechely for Northern Region Files

EPA Region 5 Records Ctr.



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RECEIVED

JAN 17 1983

E.P.A. - D.L.P.C.
STATE OF ILLINOIS



ARRO Laboratories, Inc.

P. O. Box 686 Caton Farm Road Joliet Illinois

Telephone (815) 727-5436

(312) 464-0246

Telex 723421 UAR JOL

Attention of Mr. Robert Hastert
Company WHITE FENCE FARM
Address Joliet Road
City/State/Zip Lemont, Illinois 60439

P.O. Number
Date Received May 6, 1982
Date Completed June 15, 1982

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
72097E	Soil Sample from Landfill			5/5

ANALYSES

	72097E				
BOD, 5-day					
Cadmium	40				
COD					
Chlorides					
Chlorine, Total Residual					
Chromium, Hex					
Chromium, Tri					
Chromium, Total	260				
Copper					
Cyanide, Total					
Iron, Total					
Lead	0.6%-5% *				
Nitrogen, Total as N					
Nitrogen, Ammonia as N					
Nitrogen, Organic as N					
Oils & Grease	3.9%				
pH					
Phenols					
Phosphate, Total (as PO ₄)					
Phosphorus (as P)					
Solids, Total					
Solids, Dissolved					
Solids, Total Suspended					
Solids, Volatile Suspended					
Sulfate (as SO ₄)					
Zinc					
Mercury, ppm	2.0 ppm				
Polychlorinated Biphenyl, ppm	16.05				

SAMPLE COLLECTION DATA

Type of Sampling					
Sampling pH					
Sampling Temperature					

Results in mg/l unless otherwise indicated

* Sample was not homogeneous, duplicate test run

• See attachment for comments

Sample was coned and
quartered

I certify that I am familiar with the information contained in this
report and that to the best of my knowledge and belief such infor-
mation is true, complete, and accurate.

A. G. Roketa
A. G. Roketa, Manager
Environmental Division

Approved by *T. M. Laciak* Date June 15, 1982
Terese M. Laciak
Laboratory Manager

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office